

DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or the below named inventors are the original, first and joint inventors (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "**METHOD AND APPARATUS FOR UPDATING CONTROL STATE VARIABLES OF A PROCESS CONTROL MODEL BASED ON REWORK DATA**" the Specification of which:

is attached hereto.  
 was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent, United States provisional application(s), or inventor's certificate listed below and have also identified below any foreign application for patent, United States provisional application, or inventor's certificate having a filing date before that of the application on which priority is claimed:

<b>PRIORITY APPLICATION(S)</b>			<b>Priority Claimed</b>
(Number)	(Country)	(Date Filed)	Yes/No

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose all information known to me to be material to patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations, § 1.56, which become available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status)
(Application Serial No.)	(Filing Date)	(Status)

I hereby direct that all correspondence and telephone calls be addressed to Scott F. Diring, Patent Agent, Williams, Morgan & Amerson, P.C., 7676 Hillmont, Suite 250, Houston, Texas 77040, (608) 833-0748.

I HEREBY DECLARE THAT ALL STATEMENTS MADE OF MY OWN KNOWLEDGE ARE TRUE AND THAT ALL STATEMENTS MADE ON INFORMATION AND BELIEF ARE BELIEVED TO BE TRUE; AND FURTHER THAT THESE STATEMENTS WERE MADE WITH THE KNOWLEDGE THAT WILLFUL FALSE STATEMENTS AND THE LIKE SO MADE ARE PUNISHABLE BY FINE OR IMPRISONMENT, OR BOTH, UNDER SECTION 1001 OF TITLE 18 OF THE UNITED STATES CODE AND THAT SUCH WILLFUL FALSE STATEMENTS MAY JEOPARDIZE THE VALIDITY OF THE APPLICATION OR ANY PATENT ISSUED THEREON.

Inventor's Full Name: JOYCE S. OEH HEWETT

Inventor's Signature: \_\_\_\_\_

Country of Citizenship: USA Date: \_\_\_\_\_

Residence Address: (street, number, city, state, and/or country) 6517 SANS SOUCI COVE  
AUSTIN, TEXAS 78759

Post Office Address: (if different from above) Same

Inventor's Full Name: ANTHONY J. TOPRAC

Inventor's Signature: *Anthony J. Toprac*

Country of Citizenship: USA Date: 4-12-01

Residence Address: (street, number, city, state, and/or country) 4023 WALNUT CLAY  
AUSTIN, TEXAS 78731

Post Office Address: (if different from above) Same

Inventor's Full Name: CHRISTOPHER A. BODE

Inventor's Signature: \_\_\_\_\_

Country of Citizenship: USA Date: \_\_\_\_\_

Residence Address: (street, number, city, state, and/or country) 4700 STAGGERBRUSH ROAD #738  
AUSTIN, TEXAS 78749

Post Office Address: (if different from above) Same

Inventor's Full Name: ALEXANDER J. PASADYN

Inventor's Signature: \_\_\_\_\_

Country of Citizenship: USA Date: \_\_\_\_\_

Residence Address: (street, number, city, state, and/or country) 8717 DANDELION TRAIL  
AUSTIN, TEXAS 78745

Post Office Address: (if different from above) Same

Inventor's Full Name: ANASTASIA OSHELSKI PETERSON

Inventor's Signature: \_\_\_\_\_

Country of Citizenship: USA Date: \_\_\_\_\_

Residence Address: (street, number, city, state, and/or country) 5811 CANNON MOUNTAIN DRIVE  
AUSTIN, TEXAS 78749

Post Office Address: (if different from above) Same

Inventor's Full Name: THOMAS J. SONDERMAN

Inventor's Signature: \_\_\_\_\_

Country of Citizenship: USA Date: \_\_\_\_\_

Residence Address: (street, number, city, state, and/or country) 16010 BRAESGATE DRIVE  
AUSTIN, TEXAS 78717

Post Office Address: (if different from above) Same

Inventor's Full Name: MICHAEL L. MILLER

Inventor's Signature: \_\_\_\_\_

Country of Citizenship: USA Date: \_\_\_\_\_

Residence Address: (street, number, city, state, and/or country) 2614 LITTLE ELM TRAIL  
CEDAR PARK, TEXAS 78613

Post Office Address: (if different from above) Same

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: §  
JOYCE S. OEV HEWETT §  
ANTHONY J. TOPRAC §  
CHRISTOPHER A. BODE §  
ALEXANDER J. PASADYN §  
ANASTASIA OSHELSKI PETERSON §  
THOMAS J. SONDERMAN §  
MICHAEL L. MILLER §  
§  
Serial No.: Unknown §  
§

Examiner: Unknown

Group Art Unit: Unknown

Att'y Docket: 2000.058800/TT4129

Serial No.: Unknown

Filed: Concurrently Herewith

For: METHOD AND APPARATUS FOR  
UPDATING CONTROL STATE VARIABLES OF A  
PROCESS CONTROL MODEL BASED ON  
REWORK DATA

**POWER OF ATTORNEY**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned, being the inventor named in the above-identified application, hereby revokes any previous Powers of Attorney and appoints:

Elizabeth A. Apperley, Reg. No. 36,428; Paul S. Drake, Reg. No. 33,491; Richard J. Roddy, Reg. No. 27,688; Michael Caywood, Reg. No. 37,797; Bradley Botsch, Reg. No. 34,552; Harry A. Wolin, Reg. No. 32,638; and Raj Jaipershad, Reg. No. 44,168; and

Danny L. Williams, Reg. No. 31,892; Terry D. Morgan, Reg. No. 31,181; J. Mike Amerson, Reg. No. 35,426; Kenneth D. Goodman, Reg. No. 30,460; Jeffrey A. Pyle, Reg. No. 34,904; Randall C. Furlong, Reg. No. 35,144; Scott F. Diring, Reg. No. 35,119; George J. Oehling, Reg. No. 40,471; Shelley P.M. Fussey, Reg. No. 39,458; Mark D. Moore, Reg. No. 42,903; Louis H. Iselin, Reg. No. 42,684; and Raymund F. Eich, Reg. No. 42,508; Bradley A. Misley, Reg. No. 46,937; and Thomas H. Belvin, Jr., Reg. No. 43,491 of Williams, Morgan & Amerson;

as its attorney or agent so long as they remain with such firms, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive any Letters Patent, and for one year after issuance of such Letters Patent to file any request for a certificate of correction that may be deemed appropriate.

Please direct all communications as follows:

Scott F. Diring, Patent Agent  
WILLIAMS, MORGAN & AMERSON, P.C.  
7676 Hillmont, Suite 250  
Houston, Texas 77040  
(713) 934-7000

Signature: Joyce S. Oey Hewett Date: 04.11.01  
JOYCE S. OEV HEWETT

Signature: Anthony J. Toprac  
ANTHONY J. TOPRAC

Signature: Christopher A. Bode  
CHRISTOPHER A. BODE

Signature: Alexander J. Pasady  
ALEXANDER J. PASADYN

Signature: Anastasia Oshelski Peterson  
ANASTASIA OSHELSKI PETERSON

Signature: Thomas J. Sonderman  
THOMAS J. SONDERMAN

Signature: Michael L. Miller  
MICHAEL L. MILLER

Date: \_\_\_\_\_

Date: 3/28/2001

Date: 4/12/2001

Date: Anastasia Oshelski Peterson 3/28/01

Date: 3/28/01

Date: 3/28/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

JOYCE S. OEV HEWETT	§	
ANTHONY J. TOPRAC	§	Examiner: Unknown
CHRISTOPHER A. BODE	§	
ALEXANDER J. PASADYN	§	Group Art Unit: Unknown
ANASTASIA OSHELSKI PETERSON	§	
THOMAS J. SONDERMAN	§	Att'y Docket: 2000.058800/TT4129
MICHAEL L. MILLER	§	

Serial No.: Unknown

§

Filed: Concurrently Herewith

For: METHOD AND APPARATUS FOR  
UPDATING CONTROL STATE VARIABLES OF A  
PROCESS CONTROL MODEL BASED ON  
REWORK DATA

**POWER OF ATTORNEY**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned, being the inventor named in the above-identified application, hereby revokes any previous Powers of Attorney and appoints:

Elizabeth A. Apperley, Reg. No. 36,428; Paul S. Drake, Reg. No. 33,491; Richard J. Roddy, Reg. No. 27,688; Michael Caywood, Reg. No. 37,797; Bradley Botsch, Reg. No. 34,552; Harry A. Wolin, Reg. No. 32,638; and Raj Jaipershad, Reg. No. 44,168; and

Danny L. Williams, Reg. No. 31,892; Terry D. Morgan, Reg. No. 31,181; J. Mike Amerson, Reg. No. 35,426; Kenneth D. Goodman, Reg. No. 30,460; Jeffrey A. Pyle, Reg. No. 34,904; Randall C. Furlong, Reg. No. 35,144; Scott F. Diring, Reg. No. 35,119; George J. Oehling, Reg. No. 40,471; Shelley P.M. Fussey, Reg. No. 39,458; Mark D. Moore, Reg. No. 42,903; Louis H. Iselin, Reg. No. 42,684; and Raymund F. Eich, Reg. No. 42,508; Bradley A. Misley, Reg. No. 46,937; and Thomas H. Belvin, Jr., Reg. No. 43,491 of Williams, Morgan & Amerson;

as its attorney or agent so long as they remain with such firms, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive any Letters Patent, and for one year after issuance of such Letters Patent to file any request for a certificate of correction that may be deemed appropriate.

Please direct all communications as follows:

Scott F. Diring, Patent Agent  
WILLIAMS, MORGAN & AMERSON, P.C.  
7676 Hillmont, Suite 250  
Houston, Texas 77040  
(713) 934-7000

Signature: \_\_\_\_\_  
JOYCE S. OEV HEWETT

Date: \_\_\_\_\_

Signature:

ANTHONY J. TOPRAC

Date: 4-12-01

Signature:

CHRISTOPHER A. BODE

Date:

Signature:

ALEXANDER J. PASADYN

Date:

Signature:

ANASTASIA OSHELSKI PETERSON

Date:

Signature:

THOMAS J. SONDERMAN

Date:

Signature:

MICHAEL L. MILLER

Date:

RECORDED AND INDEXED  
IN THE RECORDS OF THE  
FEDERAL BUREAU OF INVESTIGATION  
U.S. DEPARTMENT OF JUSTICE  
APR 12 2001

DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or the below named inventors are the original, first and joint inventors (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "**METHOD AND APPARATUS FOR UPDATING CONTROL STATE VARIABLES OF A PROCESS CONTROL MODEL BASED ON REWORK DATA**" the Specification of which:

is attached hereto.  
 was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent, United States provisional application(s), or inventor's certificate listed below and have also identified below any foreign application for patent, United States provisional application, or inventor's certificate having a filing date before that of the application on which priority is claimed:

<b>PRIORITY APPLICATION(S)</b>			<b>Priority Claimed</b>
<b>(Number)</b>	<b>(Country)</b>	<b>(Date Filed)</b>	<b>Yes/No</b>

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose all information known to me to be material to patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations, § 1.56, which become available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status)
(Application Serial No.)	(Filing Date)	(Status)

I hereby direct that all correspondence and telephone calls be addressed to Scott F. Diring, Patent Agent, Williams, Morgan & Amerson, P.C., 7676 Hillmont, Suite 250, Houston, Texas 77040, (608) 833-0748.

I HEREBY DECLARE THAT ALL STATEMENTS MADE OF MY OWN KNOWLEDGE ARE TRUE AND THAT ALL STATEMENTS MADE ON INFORMATION AND BELIEF ARE BELIEVED TO BE TRUE; AND FURTHER THAT THESE STATEMENTS WERE MADE WITH THE KNOWLEDGE THAT WILLFUL FALSE STATEMENTS AND THE LIKE SO MADE ARE PUNISHABLE BY FINE OR IMPRISONMENT, OR BOTH, UNDER SECTION 1001 OF TITLE 18 OF THE UNITED STATES CODE AND THAT SUCH WILLFUL FALSE STATEMENTS MAY JEOPARDIZE THE VALIDITY OF THE APPLICATION OR ANY PATENT ISSUED THEREON.

Inventor's Full Name: JOYCE S. OEV HEWETT  
 Inventor's Signature: *Joyce S. Oey Hewett*  
 Country of Citizenship: USA Date: 04.11.01  
 Residence Address: (street, number, city, state, and/or country) 6517 SANS SOUCI COVE  
 AUSTIN, TEXAS 78759  
 Post Office Address: (if different from above) Same

Inventor's Full Name: ANTHONY J. TOPRAC  
 Inventor's Signature:  
 Country of Citizenship: USA Date:  
 Residence Address: (street, number, city, state, and/or country) 4023 WALNUT CLAY  
 AUSTIN, TEXAS 78731  
 Post Office Address: (if different from above) Same

Inventor's Full Name: CHRISTOPHER A. BODE  
 Inventor's Signature: *Christopher A. Bode*  
 Country of Citizenship: USA Date: 3/28/2001  
 Residence Address: (street, number, city, state, and/or country) 4700 STAGGERBRUSH ROAD #738  
 AUSTIN, TEXAS 78749  
 Post Office Address: (if different from above) Same

Inventor's Full Name:

ALEXANDER J. PASADYN

Inventor's Signature:



Country of Citizenship:

USA

Date: 4/14/2001

Residence Address: (street,  
number, city, state, and/or  
country)

8717 DANDELION TRAIL

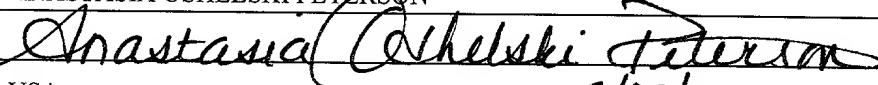
Post Office Address:  
(if different from above)

AUSTIN, TEXAS 78745

Same

Inventor's Full Name:

ANASTASIA OSHELISKI PETERSON



USA

Date: 3/28/01

Residence Address: (street,  
number, city, state, and/or  
country)

5811 CANNON MOUNTAIN DRIVE

Post Office Address:  
(if different from above)

AUSTIN, TEXAS 78749

Same

Inventor's Full Name:

THOMAS J. SONDERMAN



USA

Date: 3/28/01

Residence Address: (street,  
number, city, state, and/or  
country)

16010 BRAESGATE DRIVE

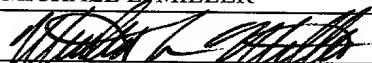
Post Office Address:  
(if different from above)

AUSTIN, TEXAS 78717

Same

Inventor's Full Name:

MICHAEL L. MILLER



USA

Date: 3/28/01

Residence Address: (street,  
number, city, state, and/or  
country)

2614 LITTLE ELM TRAIL

Post Office Address:  
(if different from above)

CEDAR PARK, TEXAS 78613

Same